

**Table IV-B-17. Summary of responses from all mechanical engineering departments
at all doctorate-granting institutions: fall 1995**

[Number of departments = 186]

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| Items 5 and 6 Enrollment status, mechanism of support, and gender of S&E graduate students | Students receiving financial assistance | | | | | | | | | Self support (includ. loans & family sources) | Total for all sources (sum of columns A - J) |
|--|---|-----|--------------|-----|------------------|-----------------------------|---------------------|--------------------|--------------------------|--|---|
| | Federal sources (excluding loans) | | | | | | Non-Federal sources | | | | |
| | DoD | HHS | | NSF | Dept. of Agr. | Other Federal sources | Inst. support | Foreign sources | Other U.S. sources | | |
| | | NIH | Other HHS | | | | | | | | |
| | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) |
| Item 5 Full-time graduate S&E students: | | | | | | | | | | | |
| Graduate fellowships | 37 | 5 | 2 | 159 | 0 | 114 | 324 | 92 | 187 | NA | 920 |
| Graduate traineeships | 3 | 14 | 1 | 26 | 0 | 30 | 105 | 2 | 6 | NA | 187 |
| Graduate research assistants | 621 | 63 | 7 | 536 | 4 | 920 | 1,116 | 48 | 1,037 | NA | 4,352 |
| Graduate teaching assistants | NA | 0 | 1 | 3 | 0 | 9 | 1,863 | NA | 26 | NA | 1,902 |
| Other types of support | 137 | 0 | 0 | 9 | 0 | 20 | 403 | 111 | 84 | 2,781 | 3,545 |
| Full-time total | 798 | 82 | 11 | 733 | 4 | 1,093 | 3,811 | 253 | 1,340 | 2,781 | 10,906 |
| Full-time women | 58 | 11 | 2 | 94 | 1 | 120 | 433 | 13 | 124 | 248 | 1,104 |
| Full-time first-year total | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2,762 |
| Full-time first-year women | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 311 |
| Item 6 Part-time graduate S&E students: | | | | | | | | | | | |
| Total | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 4,679 |
| Women | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 494 |

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| Item 7 Race/ethnicity of full-time and part-time graduate S&E students, by sex | U.S. citizens and permanent residents | | | | | | | Foreign (H) | Total (sum of columns A - H) (I) |
|---|---------------------------------------|--------------------------------|-------------------------------|----------|---------------------------|-------|---------|----------------|--|
| | Black non- Hispanic | American Indian/ Alaskan | Asian/ Pacific Islander | Hispanic | White non- Hispanic | Other | Unknown | | |
| | (A) | (B) | (C) | (D) | (E) | (F) | (G) | | |
| Men enrolled full-time | 175 | 23 | 671 | 207 | 4,258 | 94 | 249 | 4,125 | 9,802 |
| Women enrolled full-time | 59 | 7 | 136 | 40 | 458 | 22 | 30 | 352 | 1,104 |
| Full-time, total | 234 | 30 | 807 | 247 | 4,716 | 116 | 279 | 4,477 | 10,906 |
| Men enrolled part-time | 96 | 10 | 306 | 110 | 2,681 | 57 | 226 | 699 | 4,185 |
| Women enrolled part-time | 13 | 2 | 41 | 16 | 315 | 5 | 24 | 78 | 494 |
| Part-time, total | 109 | 12 | 347 | 126 | 2,996 | 62 | 250 | 777 | 4,679 |

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| Item 8 S&E postdoctorates and nonfaculty research staff with doctorates | Postdoctorates | | | | | | Other non- faculty research staff with doctor- ates (G) |
|--|-------------------------|--------------------------|---------------------------|------------------------|---|---------------------------------------|---|
| | Source of support | | | | Total for all sources (A - D) (E) | Foreign postdoc- torates (F) | |
| | Federal | | | Non- Federal (D) | | | |
| | Fellow- ships (A) | Trainee- ships (B) | Research grants (C) | | | | |
| | | (A) | (B) | (C) | (D) | (E) | |
| Total | 11 | 0 | 282 | 109 | 402 | 267 | 115 |
| Women | 2 | 0 | 24 | 11 | 37 | 18 | 4 |
| With MD, DDS or DVM degrees | 0 | 0 | 4 | 0 | 4 | 3 | 0 |

KEY: NA = not applicable

SOURCE: National Science Foundation/SRS, Survey of Graduate Students and Postdoctorates in Science and Engineering